



+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	Not yet assigned	
			Filing Date	On even date herewith	
			First Named Inventor	Alok Singh	
			Group Art Unit	Not yet assigned 1655	
			Examiner Name	Not yet assigned	
Sheet	1	of	2	Attorney Docket Number	84,598

[illegible][illegible]

Examiner Signature	<i>R. G. Tomen</i>	Date Considered	<i>11/14/05</i>
-----------------------	--------------------	--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not yet assigned
		Filing Date	On even date herewith
		First Named Inventor	Alok Singh
		Group Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet 2	of 2	Attorney Docket Number	84,598

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RG		GERALDINE F. DREVON, KARSTEN DANIELMEIER, WILLIAM FEDERSPIEL, DONNA B. STOLZ, DOUGLAS A. WICKS, POLI C. YU & ALAN J. RUSSELL, "High-Activity Enzyme-Polyurethane Coatings," Biotech. Bioeng., Vol. 79, No. 7, 785-794 (2002)	
RG		GERALDINE F. DREVON & ALAN J. RUSSELL, "Irreversible Immobilization of Disopropylfluorophosphatase in Polyurethane Polymers," Biomacromolecules, Vol. 1, No. 4, 571-576 (2000)	
RG		GERO DECHER, "Fuzzy Nanoassemblies: Toward Layered Polymeric Multicomposites," Science, Vol. 277, 1232-1237 (1997)	
RG		STEPHAN T. DUBAS & JOSEPH B. SCHLENOFF, "Swelling and Smoothing of Polyelectrolyte Multilayers by Salt," Langmuir, 17, 7725-7727 (2001)	
RG		YURI LVOV, ALEXEI A. ANTIPOV, ARIF MAMEDOV, HELMUTH MOHWALD & GLEB B. SUKHORUKOV, "Urease Encapsulation in Nanoorganized Microshells," Nano Lett., Vol. 1, No. 3, 125-128 (2001)	
RG		STEVEN L. REGEN, JAE-SUP SHIN, JAMES F. HAINFELD & JOSEPH S. WALL, "Ghost Vesicles," J. Am. Chem. Soc., 106, 5756-5757 (1984)	
RG		JOHN P. SANTOS, ERIC R. WELSH, BRUCE P. GABER & ALOK SINGH, "Polyelectrolyte-Assisted Immobilization of Active Enzymes on Glass Beads," Langmuir, 17, 5361-5367 (2001)	
		YONGWOO LEE, IVAN STANISH, VIPIN RASTOGI, TU-CHEN CHENG & ALOK SINGH, "Sustained Enzyme Activity of Organophosphorus Hydrolase in Polymer Encased Multilayer Assemblies," Langmuir, 19, 1330-1336 (2003)	

Examiner Signature	RG/Amber	Date Considered	11/14/05
--------------------	----------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.